

0590

0107

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/987,675

DATE: 01/16/2002

TIME: 11:09:42

Input Set : N:\Crf3\RULE60\09987675.raw

Output Set: N:\CRF3\01162002\I987675.raw

1 <110> APPLICANT: Canne, Lynne
 2 Kent, Stephen B.H.
 3 Simon, Reyna
 4 <120> TITLE OF INVENTION: Solid Phase Native Chemical Ligation of Unprotected or
 5 N-Terminal Cysteine Protected Peptides in Aqueous
 6 Solution
 7 <130> FILE REFERENCE: GRFN-023/01US
 8 <140> CURRENT APPLICATION NUMBER: 09/987,675
 9 <141> CURRENT FILING DATE: 2001-11-15
 10 <150> PRIOR APPLICATION NUMBER: 09/097,094
 11 <151> PRIOR FILING DATE: 1998-06-12
 12 <160> NUMBER OF SEQ ID NOS: 6
 13 <170> SOFTWARE: PatentIn Ver. 2.0
 15 <210> SEQ ID NO: 1
 16 <211> LENGTH: 27
 17 <212> TYPE: PRT
 18 <213> ORGANISM: Artificial Sequence
 19 <220> FEATURE:
 20 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
 21 <400> SEQUENCE: 1
 22 Ala Leu Thr Lys Tyr Gly Phe Tyr Gly Cys Tyr Gly Arg Leu Glu Glu
 23 1 5 10 15
 24 Lys Gly Cys Ala Asp Arg Lys Asn Ile Leu Ala
 25 20 25
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 68
 29 <212> TYPE: PRT
 30 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
 33 <400> SEQUENCE: 2
 34 Leu Thr Glu Gly Leu His Gly Phe His Val His Glu Phe Gly Asp Asn
 35 1 5 10 15
 36 Thr Ala Gly Cys Thr Ser Ala Gly Pro His Phe Asn Pro Leu Ser Arg
 37 20 25 30
 38 Lys His Gly Cys Gly Phe Arg Val Arg Glu Phe Gly Asp Asn Thr Ala
 39 35 40 45
 40 Cys Ala Asp Pro Ser Glu Glu Trp Val Gln Lys Tyr Val Ser Asp Leu
 41 50 55 60
 42 Glu Leu Ser Ala
 43 65
 45 <210> SEQ ID NO: 3
 46 <211> LENGTH: 73
 47 <212> TYPE: PRT
 48 <213> ORGANISM: Homo sapiens
 49 <400> SEQUENCE: 3
 50 Thr Leu Gln Lys Lys Ile Glu Glu Ile Ala Ala Lys Tyr Lys Ser Val

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/987,675

DATE: 01/16/2002

TIME: 11:09:42

Input Set : N:\Crif3\RULE60\09987675.raw

Output Set: N:\CRF3\01162002\I987675.raw

```

51      1          5          10          15
52    Val Lys Lys Cys Cys Tyr Asp Gly Ala Cys Val Asn Asn Asp Glu Thr
53              20          25          30
54    Cys Glu Gln Arg Ala Ala Arg Ile Ser Leu Gly Pro Lys Cys Ile Lys
55          35          40          45
56    Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu Arg Ala Asn Ile
57          50          55          60
58    Ser His Lys Asp Met Gln Leu Gly Arg
59      65          70
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 115
63 <212> TYPE: PRT
64 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 4
66    Met Pro Met Phe Ile Val Asn Thr Asn Val Pro Arg Ala Ser Val Pro
67      1          5          10          15
68    Asp Gly Phe Leu Ser Glu Leu Thr Gln Gln Leu Ala Gln Ala Thr Gly
69          20          25          30
70    Lys Pro Pro Gln Tyr Ile Ala Val His Val Val Pro Asp Gln Leu Met
71          35          40          45
72    Ala Phe Gly Gly Ser Ser Glu Pro Cys Ala Leu Cys Ser Leu His Ser
73          50          55          60
74    Ile Gly Lys Ile Gly Gly Ala Gln Asn Arg Ser Tyr Ser Lys Leu Leu
75          65          70          75          80
76    Cys Gly Leu Leu Ala Glu Arg Leu Arg Ile Ser Pro Asp Arg Val Tyr
77          85          90          95
78    Ile Asn Tyr Tyr Asp Met Asn Ala Ala Ser Val Gly Trp Asn Asn Ser
79          100          105          110
80    Thr Phe Ala
81          115
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 118
85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
87 <400> SEQUENCE: 5
88    Gly Leu Leu Asp Leu Lys Ser Met Ile Glu Lys Val Thr Gly Lys Asn
89      1          5          10          15
90    Ala Leu Thr Asn Tyr Gly Phe Tyr Gly Cys Tyr Cys Gly Trp Gly Gly
91          20          25          30
92    Arg Gly Thr Pro Lys Asp Gly Thr Asp Trp Cys Cys Trp Ala His Asp
93          35          40          45
94    His Cys Tyr Gly Arg Leu Glu Glu Lys Gly Cys Asn Ile Arg Thr Gln
95          50          55          60
96    Ser Tyr Lys Tyr Arg Phe Ala Trp Gly Val Val Thr Cys Glu Pro Gly
97          65          70          75          80
98    Pro Phe Cys His Val Asn Leu Cys Ala Cys Asp Arg Lys Leu Val Tyr
99          85          90          95
100   Cys Leu Lys Arg Asn Leu Arg Ser Tyr Asn Pro Gln Tyr Gln Tyr Phe
101          100          105          110

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/987,675

DATE: 01/16/2002

TIME: 11:09:42

Input Set : N:\Crf3\RULE60\09987675.raw

Output Set: N:\CRF3\01162002\I987675.raw

102 Pro Asn Ile Leu Cys Ser
103 115
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 10
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
111 <400> SEQUENCE: 6
112 Asp Ser Val Ile Ser Leu Ser Gly Asp His
113 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/987,675

DATE: 01/16/2002

TIME: 11:09:43

Input Set : N:\Crf3\RULE60\09987675.raw

Output Set: N:\CRF3\01162002\I987675.raw